

REMARKS

The comments of the applicant below are each preceded by related comments of the examiner (in small, bold type).

3. Claims 1-4, 6-7, 13, 16-19, 21, 26-28, 31, 43-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Singhal et al PN 5,978,874.

...

4. Claims 5, 20, 29, 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Singhal, and in view of Dennin et al PN 6401149.

...

5. Claims 14, 32-35, 37-39, 41 are objected to as being dependent upon a rejected base claims, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The applicant thanks the examiner for indicating allowance of claims 14, 32-35, 37-39, and 41 if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 1 has been amended to include the limitations of claims 31 and 32.

Claims 2-7, 33-35, and 43 are patentable for at least the same reasons as claim 1.

Claim 13 has been amended to include the limitations of claim 14.

Claims 16-21 and 44 are patentable for at least the same reasons as claim 13.

Claim 26 is patentable for at least similar reasons as claim 1.

Claims 27-29 and 45 are patentable for at least the same reasons as claim 26.

Claim 37 has been rewritten in independent form including all of the limitations of claim 13.

Claims 38-41 are patentable for at least the same reasons as claim 37.

The rejections to claims 1-7, 13, 16-21, 26-29, 31, 40, and 43-48 are moot in view of the amendments.

New claims 49-54 have been added. Applicant notes that Singhal does not disclose or suggest "pushing the data from the memory resources to the processing agent through the push bus unidirectionally," as recited in claim 49, or "pulling the data from the processing agent and

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transferring to the memory resources through the pull bus unidirectionally," as recited in claim

52. Rather, Singhal discloses a data bus on which data can be transferred in both directions.

Canceled claims, if any, have been canceled without prejudice or disclaimer.

Any circumstance in which the applicant has addressed certain comments of the examiner does not mean that the applicant concedes other comments of the examiner. Any circumstance in which the applicant has made arguments for the patentability of some claims does not mean that there are not other good reasons for patentability of those claims and other claims. Any circumstance in which the applicant has amended or canceled a claim does not mean that the applicant concedes any of the examiner's positions with respect to that claim or other claims.

Please apply any charges or credits to deposit account 06-1050, reference 10559-618001.

Respectfully submitted,

Date: 2/3/2006

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